



IV-00-003.X

IFW

May 21, 2004

To: Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/804,657 03/19/04 |

Monsong Chen et al.

A HARDWARE INDEPENDENT HIERARCHICAL
CLUSTER OF HETEROGENEOUS MEDIA
SERVERS USING A HIERARCHICAL COMMAND
BEAT PROTOCOL TO SYNCHRONIZE DIS-
TRIBUTED PARALLEL COMPUTING SYSTEMS
AND EMPLOYING A VIRTUAL DYNAMIC
NETWORK TOPOLOGY FOR DISTRIBUTED
PARALLEL COMPUTING SYSTEMS

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.


The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on May 24, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

 5/24/04

U.S. Patent 5,805,821 to Saxena et al., "Video Optimized Media Streamer User Interface Employing Non-Blocking Switching to Achieve Isochronous Data Transfers," teaches a video optimized media streamer user interface employing non-blocking switching to achieve isochronous data transfers.

U.S. Patent 5,550,577 to Verbiest et al., "Video on Demand Network, Including a Central Video Server and Distributed Video Servers with Random Access Read/Write Memories," illustrates a video on demand network, including a central video server and distributed video servers with random access read/write memories.

U.S. Patent 5,712,976 to Falcon, Jr. et al., "Video Data Streamer for Simultaneously Conveying Same One or Different Ones of Data Blocks Stored in Storage Node to Each of Plurality of Communication Nodes," illustrates a video data streamer for simultaneously transferring data blocks stored from a storage node to any of multiple communications nodes.

U.S. Patent 6,101,547 to Mukherjee et al., "Inexpensive, Scalable and Open-Architecture Media Server," describes an inexpensive, scalable and open-architecture media server.

"Performance Evaluation of QuickVideo OnDemand (QVOD) Server," InfoValue Computing, Inc. Technical Report IV-TR-QVOD-1999-07-1-1, July 8, 1999, InfoValue Computing, Inc., Elmsford, NY, describes a video on-demand system developed for high performance, effective and flexible, network-based, on-demand sharing of videos.

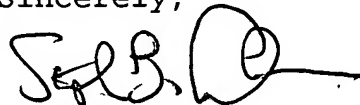
"Network Video Computing Via QuickVideo Suite," InfoValue Technical White Paper, InfoValue Computing, Inc., Elmsford, NY, 1999, describes Network Video Computing the core of which is video streaming.

"Web Distribution Systems: Caching and Replication" Chandbok, Ohio State University, 1999, found:

http://www.cis.ohio-state.edu/~jain/cis788-99/web_caching/index.html

8/15/00, provides an overview of the current techniques for caching and replication of digital data on computer systems interconnected through a global or local digital communication network.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. B. Ackerman', with a stylized flourish at the end.

Stephen B. Ackerman,
Reg. No. 37761

PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Doc. Number (Optional)
IV-00-003.X

Applicant
Mansong Chen et al.

Filing Date
03/19/04

Application Number
10/804,657

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	580582	19/8/98	Saxena et al.	395	200.61	8/5/97
	5550577	8/27/96	Verbiest et al.	348	7	5/19/94
	5712976	1/27/98	Falcon, Jr. et al.	395	200.09	9/8/94
	6101547	8/8/00	Mukherjee et al.	709	231	7/14/98

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Portion of Pages, Etc.)

-	"Performance Evaluation of QuickVideo OnDemand (QVOD) Server", InfoValue Computing, Inc., Tech. Report IV-TR-QVOD-1999-07-1-1, July 8, 1999, InfoValue Computing Inc., Elmsford, NY.
-	"Network Video Computing Via QuickVideo Suite", InfoValue Tech. White Paper, InfoValue Computing, Inc., Elmsford, NY, 1999.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

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OTHER DOCUMENTS (Including Author, Title, Date, Portion of Pages, Etc.)

-	"Web Distribution Systems: Caching and Replication"
	Handbook, Ohio State University, 1999, found at:
	http://www.cis.ohio-state.edu/~jain/cis788-
	99/web-caching/index.html , 8/15/00.

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